Accurate level Management

for your property!

SL-100S

ULTRASONIC LEVEL METER

SONDAR™

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SL-100S with LXD-Series

SL-100S is an ultrasonic non-contracting level meter which will increase the effectiveness of your liquid management process.
It is available to connect up to two sensors. Depending on the sensor, the measurement range is 5meters, 10meters or 15meters.
The sensor cable can be extended up to 450meters.
SL-100S's user friendly interface offers the user easy installation and cabliration. It is also simple and inexpensive to maintain.
All functions are optimized which enables you to effectively monitor the liquid level and keep your facilities running safely and reliably.

Features

- Single, Dual Sensor Channel
- Simple installation & Calibration
- 3, 6 Relays
- Error instruction Guide by QR Code Scanning
- RS232, RS485, Modbus
- Logging data downloading by USB
- Firmware upgrading by USB

Technical Specification

SL-100S (Controller)

Measurement Method	Ultrasonic non-contacting
Accuracy	0.2% of F.S
Measurement	Level, distance, Space, Volume
Resolution	1mm
Damping Rate	0.1m/min-100m/min
Output	Analog 4~20mA into max 750Ω
	Relay 3, 6
	Digital RS232, RS485, Modbus
Display	Illuminated graphic LCD
IP Rating	IP65
Temperature	-20℃~60℃
Material	Polycarbonate
Dimension	166(W)x250(H)x95(D) mm
Weight	ca. 2kg
Power Supply	100~230V AC±15%, 50/60Hz, 29VA(12W)
	Fuse: 250V T1.0A
	DC 9~30V, Max 8W

LXD-05, LXD-10 and LXD-15(Sensor)

Measurement Range	0.3-5m (LXD-05)
	0.3-10m (LXD-10)
	0.3-15m (LXD-15)
Beam Angle	10°at-3dB
Process Connection	1" PF
Weight	1.5kg-2.0kg
Temperature	-30℃~70℃
Temperature Compensation	Built-in temperature sensor
Material	PP, PVDF
IP Rating	IP68
Cable	2 Core Shield (AWG18)
Certificate	CE, UL, FCC
Warranty	3 year

* The technical specification is subject to change without prior notice.

Designed, Developed, Manufactured by

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